

Product Description

Pioneering GTPase and Oncogene Product Development since 2010

COL4A2 RABBIT PAB

Cat.#: S220467

Product Name: Anti-COL4A2 Rabbit Polyclonal Antibody

Synonyms: ICH; POREN2

UNIPROT ID: P08572 (Gene Accession - NP_001837)

Background: This gene encodes one of the six subunits of type IV collagen, the major structural component of basement membranes. The C-terminal portion of the protein, known as canstatin, is an inhibitor of angiogenesis and tumor growth. Like the other members of the type IV collagen gene family, this gene is organized in a head-to-head conformation with another type IV collagen gene so that each gene pair shares a common promoter.

Immunogen: Synthetic peptide of human COL4A2

Applications: ELISA, WB, IHC

Recommended Dilutions: IHC: 25-50;WB: 200-1000;ELISA: 5000-10000

Host Species: Rabbit

Clonality: Rabbit Polyclonal

Isotype: Immunogen-specific rabbit IgG **Purification:** Antigen affinity purification **Species Reactivity:** Human, Mouse

Constituents: PBS (without Mg2+ and Ca2+), pH 7.4, 150 mM NaCl, 0.05% Sodium Azide and 40%

glycerol

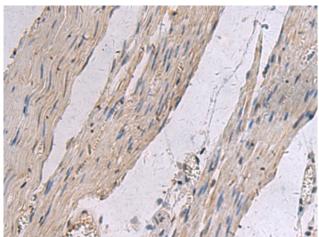
Research Areas: Signal Transduction, Cardiovascular

Storage & Shipping: Store at -20°C. Avoid repeated freezing and thawing

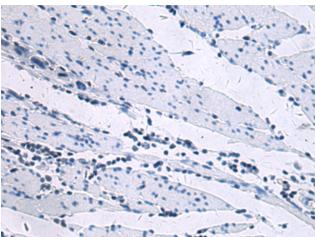


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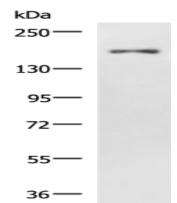
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Immunohistochemistry analysis of paraffin embedded Human esophagus cancer tissue using 220467(COL4A2 Antibody) at a dilution of 1/45(Cytoplasm).



In comparision with the IHC on the left, the same paraffin-embedded Human esophagus cancer tissue is first treated with the synthetic peptide and then with 220467(Anti-COL4A2 Antibody) at dilution 1/45.



Gel: 6%SDS-PAGE, Lysate: 40 µg;

Lane: Hela cell lysate;

Primary antibody: 220467(COL4A2 Antibody)

at dilution 1/400;

Secondary antibody: HRP-conjugated Goat

anti rabbit IgG at 1/5000 dilution;

Exposure time: 10 minutes